

IRECO INCORPORATED -- DETONATOR,ELECTRICALLY INITIATED -- 1375-00-283-9442

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Product Identification  
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Product ID:DETONATOR,ELECTRICALLY INITIATED

MSDS Date:02/19/1988

FSC:1375

NIIN:00-283-9442

MSDS Number: BPZRV

=== Responsible Party ===

Company Name:IRECO INCORPORATED

Address:PORT EWEN PLANT

City:PORT EWEN

State:NY

ZIP:12466

Country:US

Info Phone Num:914-338-2144

Emergency Phone Num:914-

338-2144,800-424-9300(CHEMTREC)

CAGE:JO851

=== Contractor Identification ===

Company Name:IRECO INC

Address:ELEVENTH FLOOR CROSSROADS TOWER

Box:City:SALT LAKE CITY

State:UT

ZIP:84144-0103

Country:US

Phone:801-364-4800/801-322-9738

CAGE:1D557

Company Name:IRECO INCORPORATED

Address:PORT EWEN PLANT

Box:City:PORT EWEN

State:NY

ZIP:12466

Country:US

Phone:914-338-2144

CAGE:JO851

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Composition/Information on Ingredients  
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Ingred Name:RDX (CYCLONITE).943 MG SPEC.MIL-R-398.

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AS:121-82-4  
RTECS #:XX9450000  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:1.5 MG/M3,SKIN  
ACGIH TLV:1.5 MG/M3,SKIN

Ingred Name:LEAD AZIDE.270 MG SPEC.MIL-L-3055.OSHA PEL & ACGIH TLV FOR  
INORGANIC LEAD FUMES & DUSTS.

CAS:13424-46-9  
RTECS #:OF8650000  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:0.05 MG(PB)/M3  
ACGIH TLV:0.15 MG(PB)/M3

Ingred Name:IGNITION.118 MG DWG.12624433.  
Other REC Limits:NONE RECOMMENDED

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===== Hazards Identification =====

LD50 LC50 Mixture  
:NOT KNOWN

Routes of Entry: Inhalation:NO Skin:NO Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:NO EXPOSURE TO CHEMICAL HAZARDS

ANTICIPATED WITH NORMAL HANDLING PROCEDURES.ACCIDENTAL DETONATION  
OF AN EXPLOSIVE DEVICE CAN CAUSE LACERATIONS,PUNCTURES AND/OR OTHER  
TRAUMATIC INJURY.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:NO EXPOSURE TO CHEMICAL HAZARDS ANTICIPATED  
WITH NORMAL HANDLING PROCEDURES.

Medical Cond

Aggravated by Exposure:NOT KNOWN

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===== First Aid Measures =====

First Aid:EYES:FLUSH WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15  
MINUTES . INHALATION:IF DETONATION FUMES ARE INHALED,REMOVE TO  
FRESH AIR.IF BREATHING STOPS,GIVE ARTIFICIAL RESPIRATION.

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===== Fire Fighting Measures =====

Flash Point:NOT KNOWN

Lower Limits:NOT KNOWN

Upper Limits:NOT KNOWN

Extinguishing Media:NONE

Fire Fighting Procedures:FIRE INVOLVIN

G EXPLOSIVE MATERIALS SHOULD NOT BE FOUGHT. EVACUATE PERSONNEL TO A SAFE LOCATION.  
Unusual Fire/Explosion Hazard: EXPLOSIVE DEVICES WILL EXPLODE IF SUBJECTED TO EXTREME HEAT OR FIRE. PACKAGED DEVICES EXPLODE ONE AT A TIME. UNPACKED DEVICES CAN MASS DETONATE.

===== Accidental Release Measures =====

Spill Release Procedures: REPACKAGE DEVICES IN UNIT ISOLATING TRAYS. ACCOUNT FOR EVERY DEVICE.  
Neutralizing Agent: NOT KNOWN

===== Handling and Storage =====

Handling and Storage Precautions: STORE IN COOL, DRY PLACE, PROTECTED FROM SOURCES OF ENERGY INCLUDING FIRE, SHOCK, HEAT, FLAME, STATIC DISCHARGE, ELECTRICAL ENERGY & RADIO FREQUENCY (SEE SUPP)  
Other Precautions: AVOID BREATHING FUMES FROM DETONATION. ONLY AUTHORIZED, TRAINED PERS SHOULD HANDLE DEVICES. NEVER ABANDON DEVICES. SMOKING NOT PERMITTED WHERE DEVICES HANDLED. DO NOT CARRY DEVICES ON PERSON. DURING APPROX CH/PROGRESS (SEE SUPP DATA)

===== Exposure Controls/Personal Protection =====

Respiratory Protection: AVOID BREATHING FUMES FROM DETONATION.  
Ventilation: NONE REQUIRED FOR NORMAL HANDLING.  
Protective Gloves: NOT KNOWN  
Eye Protection: SAFETY GLASSES SUGGESTED.  
Other Protective Equipment: COTTON CLOTHING SUGGESTED. ELECTRIC DETONATING DEVICES AND THEIR COMPONENTS DO NOT PRESENT HEALTH HAZARDS IN (SEE SUPP)  
Work Hygienic Practices: NOT KNOWN  
Supplemental Safety and Health  
HANDLG/STOR PREC: ENERGY. DO NOT DISASSEMBLE. OTHER PREC: OF ELECTRICAL  
STORM, LEAVE AREA WHERE DEVICES ARE PRESENT & SEEK A SAFE PLACE. OTHER PROT EQUIP: NORMAL HANDLING AND USE.

===== Physical/Chemical Properties =====

Boiling Pt: B.P. Text: NOT KNOWN  
Melt/Freeze Pt: M.P/F.P Text: NOT KNOWN  
Decomp Temp: Decomp Text: NOT KNOWN  
Vapor Pres: NOT KNOWN  
Vapor Density: NOT KNOWN  
Spec Gravity: NOT KNOWN  
Evaporation Rate & Reference: NOT KNOWN  
Solubility in Water: NOT KNOWN  
Appearance and Odor: ROUND METAL CUP, 242 INCH DIAMETER

X2.29 INCH LONG.

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:NO  
CORROSIVES

Stability Condition to Avoid:EXCESSIVE HEAT (>160F) FROM SOURCES SUCH  
AS FLAME PRODUCING DEVICES,IMPACT,FRICTION & ELECTRICAL IMPULSE.

Hazardous Decomposition Products:AS A RESULT OF DETONATION ONLY:LEAD  
OXIDES,NITROGEN OXIDES,CARBON MONOXIDE.

===== Disposal Considerations =====

Waste Disposal Methods:DISPOSAL MUST B  
E IN ACCORDANCE WITH

FEDERAL,STATE,AND LOCAL REGULATIONS.COORDINATE WITH SUPPORTING  
INSTALLATION AND/OR MACOM ENVIRONMENTAL OFFICE PRIOR TO DISPOSAL  
.CONSULT MFR FOR BEST DISPOSAL METHOD.DISPOSAL GOVERNED BY RCRA,40  
CFR 260-271.

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